

**APPENDIX F**  
**Funding Sources and Target Projects for the North Coast Region**

Project Type and Description	Potential Funding Sources																								Watersheds							
	State Water Resources Control Board	CWA Section 319(h) Nonpoint Sources	Proposition 13 (Water Quality)	Proposition 13 (Water Recycling)	CWA Section 205(j) Planning	Department of Water Resources	Proposition 13 (Flood Protection)	Proposition 13 (Urban Streams)	Proposition 13 (Groundwater Recharge)	Proposition 13 (Water Conservation)	Department of Parks and Recreation	Proposition 12 (Riparian/Riverine)	Habitat Conservation Fund	State Coastal Conservancy	Coastal Conservancy Programs	CA Wildlife Conservation Board	Proposition 12 (Riparian Habitat)	Natural Heritage Tax Credit Program	Department of Fish and Game	Fisheries Restoration Grants	NOAA	Community-based Rest. Grants	California Resources Agency	Coastal Resources Grant Program	Other potential sources	Russian/Bodega WMA	Klamath WMA	North Coast Rivers WMA	Humboldt Bay WMA	Eel River WMA	Trinity River WMA	Regionwide
Implement BMPs/Improve Water Quality		X	X				X	X				X	X		X		X			X		X		X	X							
Rehabilitate abandoned mines to improve water quality; address abandoned mine dam failures to prevent/control sediment releases; monitor water quality downstream from abandoned mines (especially for mercury); restore riparian habitat and function to river reaches affected by mine tailings		X	X				X	X				X			X							X		X	X			A			A	
Address abandoned mine dam failures to prevent/control sediment releases in Shasta River watershed		X	X					X							X							X		X	X			A				
Implement BMPs to prevent/reduce contaminated runoff from horse and cattle operations; implement pasture rotation for erosion and nutrient control; recycle agricultural waste including dairy waste to reduce pathogen and nutrient loading to surface and ground water; develop alternative stock watering systems including pond development; construct livestock fencing to protect riparian areas		X	X									X	X		X		X			X		X		X	X	A	A	A	A		A	A
Implement agricultural practices to reduce pesticides in surface waters		X	X					X							X							X		X	X							A
Recycle agricultural waste including		X	X					X							X							X		X	X	A						

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Habitat Restoration/Beneficial Use Enhancement		X	X				X	X	X			X	X		X		X		X	X					A			A
Protect/restore/enhance historic flood plains		X	X				X	X	X			X	X		X		X		X	X								A
Stream restoration, road restoration/retirement or other erosion/sedimentation reduction activities, especially where TMDLs are established		X	X				X	X	X			X	X		X		X		X	X								A
Develop and implement BMPs for noxious weed control in water ways and/or control of invasive plant species		X	X					X				X	X		X		X		X	X								A
Implement riparian revegetation and stream canopy enhancement using native plants		X	X					X				X	X		X		X		X	X								A
Riparian revegetation, channel protection and animal exclusion zones as set forth in an approved technical TMDL		X	X					X				X	X		X		X		X	X					A	A		
Install streambank stablization and restoration measures including bioengineering		X	X				X	X	X			X	X		X		X		X	X								A
Large woody debris (LWD) recruitment and placement, and protection of LWD recruitment areas to create fish habitat		X	X					X				X	X		X		X		X	X								A
Install fish screens on diversion outlets		X	X					X				X	X		X		X		X	X								A
Remove fish migration barriers		X	X					X				X	X		X		X		X	X								A
Identify, protect and enhance salmonid refugia in streams		X	X					X				X	X		X		X		X	X								A
Laguna wetland corridor restoration and wetland bank and provide sediment(nutrient) removal from the tributaries to the Laguna de Santa Rosa		X	X				X	X	X			X	X		X		X		X	X				A				
Re-create wetlands in flood prone areas and freshwater portions of upper tidal and low gradient channels of coastal streams		X	X				X	X	X			X	X		X		X		X	X								A

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Protect, restore, and enhance wetlands, riparian areas, estuaries and adjacent lands. Restore fluvial processes in wetland areas		X	X			X	X	X			X	X		X		X		X	X									A
<b>Assess loadings and impacts</b>				X	X		X			X				X						X	X							
Evaluate wildlife health in estuaries due to cumulative effects from the watershed					X		X			X				X						X	X							A
Evaluate hydrological connections between estuaries, wetlands and streams				X	X		X			X				X						X	X							A
Temperature modeling to predict impacts of different riparian land use for Garcia River					X				X					X						X	X							
Inventory of surface and ground water withdrawals for agricultural and upland areas				X	X		X			X				X						X	X							A
Assessments and inventories of roads as sediment sources to streams in watersheds where sediment TMDLs are established or are pending in the next five years				X	X		X			X				X						X	X							A
Assess watershed cumulative effects of THPs				X	X		X			X				X						X	X							A
Evaluate and monitor urban storm water runoff, research control measure for future implementation plan to reduce storm water pollutants in Foss Creek				X	X		X			X				X						X	X					A		
Develop GIS map layers of sediment sources in Freshwater Creek and Elk River					X		X							X						X	X							
Identify sources of HVOCs in Santa Rosa Creek				X	X		X			X				X			X	X		X	X					A		
Assessments and inventories of roads (logging, rural and residential) as sediment sources to streams, and recommendations for implementation of road improvement projects				X	X		X			X				X						X	X							A
Conduct water quality assessment for salmonid restoration				X	X									X			X	X		X	X							A
Conduct water quality assessment for salmonid restoration in the Mad River and tributaries				X	X									X			X	X		X	X					A		

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Monitor urban creeks for nutrients, CTR pollutants, and bacterial loading characteristics	X			X			X										X			X				A			
"All party" monitoring for upslope risk assessment and mitigation effectiveness monitoring for timber harvesting	X			X													X			X							A
Implement flow monitoring and availability of flow gauges	X			X		X	X		X											X							A
Conduct bacteriological sampling in summer recreation areas including ocean beaches with emphasis on QA/QC	X			X													X			X				A			A
Baseline monitoring for water quality to include bacteria, oil, grease, fuels, nutrients, sediment/turbidity, storm water and waste water, and fish, macroinvertebrate, and shellfish populations in coastal estuaries and streams	X			X													X			X							A
Water quality monitoring for TMDL implementation including reference/control subwatershed monitoring, and effects on salmonids where the TMDL is for temperature or sediment	X			X													X			X							A
Monitor the effectiveness of existing regulatory programs (ACOE, DFG, CDF, USFS, counties, etc.) to prevent the loss of wetlands and riparian habitat and degradation of water quality	X			X													X			X							A
Monitor ground water quality for constituents not currently being monitored, such as pesticides, including small, private wells	X			X			X																				A
Effectiveness monitoring of implementation projects and activities to determine impacts on aquatic species and other beneficial uses	X			X																							A
Implement and utilize citizens' monitoring or establish a volunteer monitoring network to track effectiveness of management measures and establish baseline conditions	X			X													X			X							A

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Monitor turbidity, suspended solids, sediment loading and pesticides		X			X											X			X						A
Sediment and stream channel monitoring including Vstar		X			X											X			X						A
Promote self-monitoring for nutrients and sediment from dairies		X			X											X			X						A
Conduct trend monitoring for water quality, temperature macroinvertebrates, riparian habitat, gravel quality etc.		X			X											X			X						A
<b>Education and Outreach</b>		X	X					X								X			X						
Salmonid habitat/aquatic species education for agencies, organizations, landowners and private organizations		X	X																X						A
Bioengineering education for agencies, organizations, landowners and private organizations		X	X																X						A
Heavy equipment operation training for restoration and road work, and technology transfer to organizations and landowners		X	X																X						A
Landowner outreach and education for road decommissioning/storm-proofing/maintenance		X	X																X						A
Stakeholder education and outreach on cumulative effects of water withdrawals (diversions) from tributaries;		X	X																X						A
Training for fire managers for water quality protection		X	X													X			X						A
Burn Area Emergency Rehabilitation technology transfer		X	X																X						A
Provide education and outreach to urban citizens and stream side property owners on nonpoint source pollution, especially from septic systems and pesticide and fertilizer use		X	X					X								X			X						A
"Shrimp Club" type education/outreach/restoration		X	X													X			X						A
Technology transfer for vineyard installation, education and outreach; changes to BMPs and innovative technology for vineyards on slopes >30% and adjacent to water courses		X	X																X						A







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**Funding Source Contacts**

**State Water Resources Control Board**

CWA Section 319(h) (Nonpoint Source)  
<http://www.swrcb.ca.gov/nps/grants.html> (916) 341-5254  
Proposition 13 (Water Quality)  
<http://www.swrcb.ca.gov/nps/grants.html> (916) 341-5254  
Proposition 13 (Water Recycling)  
[http://www.swrcb.ca.gov/prop13/hm/recycling\\_bond.htm](http://www.swrcb.ca.gov/prop13/hm/recycling_bond.htm) (916) 341-5693  
CWA Section 205(j) (Planning)  
<http://www.swrcb.ca.gov/nps/grants.html> (916) 341-5254

***Department of Water Resources***

Proposition 13 (Flood Protection)  
[http://wdwr.water.ca.gov/dir-Water\\_Bond\\_2000/Flood\\_Protection.html](http://wdwr.water.ca.gov/dir-Water_Bond_2000/Flood_Protection.html) (916) 653-6192  
Proposition 13 (Urban Streams)  
[www.dpla.water.ca.gov/environment/habitat/stream/usrp.html](http://www.dpla.water.ca.gov/environment/habitat/stream/usrp.html) (916) 653-6192  
Proposition 13 (Groundwater Recharge)  
[www.dpla.water.ca.gov/grants-loans](http://www.dpla.water.ca.gov/grants-loans) (916) 653-6192  
Proposition 13 (Water Conservation)  
[www.dpla.water.ca.gov/grants-loans](http://www.dpla.water.ca.gov/grants-loans) (916) 653-6192

**Department of Parks and Recreation**

Proposition 12 (Riparian/Riverine)  
<http://cal-parks.ca.gov/grants/bond/07bond.htm> (916) 651-8576  
Habitat Conservation Fund  
<http://cal-parks.ca.gov/grants/hcf/hcf.htm> (916) 653-7423

***State Coastal Conservancy***

Coastal Conservancy Program  
<http://www.coastalconservancy.ca.gov> (510) 286-4182

**CA Wildlife Conservation Board**

Proposition 12 (Riparian Habitat)  
[http://gov/wcb/california\\_riparian\\_habitat\\_conservation\\_program.htm](http://gov/wcb/california_riparian_habitat_conservation_program.htm) (916) 445-1072  
Natural Heritage Tax Credit Program  
<http://www.dfg.ca.gov/wcb/nhpttocandtext.htm> (916) 445-8448

**Department of Fish and Game**

Fisheries Restoration Grants  
<http://www.dfg.ca.gov/nafwrb/fishgrant.html> (916) 327-8842

**NOAA**

Community Based Restoration Awards

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<http://www.nmfs.noaa.gov/habitat/restoration/community/index.html> (301) 713-0174

**California Resources Agency**

Coastal Resources Grant Program

[http://ceres.ca.gov/cra/coastal\\_grant/application.html](http://ceres.ca.gov/cra/coastal_grant/application.html) (916) 653-5656

***Other Potential Sources***

[Http://watershed.ecst.csuchico.edu/new\\_spin/spinmain.asp](Http://watershed.ecst.csuchico.edu/new_spin/spinmain.asp)